

### **CLAIMS**

1. A retaining wall anchoring system for a segmental retaining wall having a transverse passageway formed therein, comprising:

at least one tieback rod adapted to be embedded into soil or rock with a proximal portion of said at least one tieback rod extending into the wall passageway; and

a force distribution member adapted to be positioned directly adjacent said proximal portion of said at least one tieback rod within the passageway;

wherein tensile forces imposed on said at least one tieback rod are transmitted to said force distribution member so as to distribute the tensile forces throughout a portion of the retaining wall.

2. The system of claim 1, further comprising at least one washer positionable about said proximal portion of said at least one tieback rod in abutment with said force distribution member.

3. The system of claim 1, further comprising at least one fastener fixedly secured to said proximal portion of said at least one tieback rod that securely clamps said force distribution member to said at least one tieback rod.

4. The system of claim 3, wherein said proximal portion of said at least one tieback rod is threaded and said at least one fastener comprises at least one threaded nut.

5. The system of claim 1, wherein said system includes at least two force distribution members adapted to be positioned on opposite sides of said at least one tieback rod.

6. The system of claim 5, further comprising at least one spacer positionable between said force distribution members that maintains parallel spacing between said force distribution members.

7. The system of claim 1, wherein said force distribution member is an elongated channel beam.

8. The system of claim 7, wherein said elongated channel beam is flanged.

9. The system of claim 1, further comprising two washers being positionable on opposite sides of said force distribution member so as to clamp said force distribution member therebetween.

10. The system of claim 9, wherein each washer is flanged so as to partially surround said force distribution member.

11. A segmental retaining wall, comprising:  
a transverse passageway formed within said wall;  
a plurality of tieback rods adapted to be embedded into soil or rock and each having a proximal portion extending into said passageway; and  
a force distribution member positioned within said transverse passageway directly adjacent said proximal portions of said tieback rods;  
wherein tensile forces imposed upon said tieback rods are transmitted to said force distribution member so as to distribute the tensile forces throughout a portion of said retaining wall.

12. The wall of claim 11, further comprising a plurality of washers positioned about said proximal portions of said tieback rods in abutment with said force distribution member.

13. The wall of claim 11, further comprising a plurality of fasteners fixedly secured to said proximal portions of said tieback rods that securely clamp said force distribution member to at least one of said tieback rods.

14. The wall of claim 13, wherein said proximal portions of said tieback rods are threaded and said fasteners comprise threaded nuts.

15. The wall of claim 11, wherein said wall includes at least two force distribution members disposed within said passage on opposite sides of one of said tieback rods.

16. The wall of claim 15, further comprising spacers positioned between said force distribution members that maintain parallel spacing between said force distribution members.

17. The wall of claim 11, wherein said force distribution member is an elongated channel beam.

18. The wall of claim 17, wherein said elongated channel beam is flanged.

19. The wall of claim 11, further comprising a plurality of washers positioned on opposite sides of said force distribution member so as to clamp said force distribution member therebetween.

20. The wall of claim 19, wherein each washer is flanged so as to partially surround said force distribution member.

21. The wall of claim 11, wherein said retaining wall comprises a plurality of blocks stacked in courses.

22. The wall of claim 21, wherein said blocks in one of said courses includes said transverse passageway.

23. The wall of claim 21, wherein said blocks include complementary lock channels and flanges that cooperate when said blocks are stacked in courses to restrict relative movement between vertically adjacent blocks.